

2,3,4-Trifluorophenol, trimethylsilyl ether

Other names:	2,3,4-Trifluorophenol, tms derivative
Inchi:	InChI=1S/C9H11F3OSi/c1-14(2,3)13-7-5-4-6(10)8(11)9(7)12/h4-5H,1-3H3
InchiKey:	YJAXCDUUFPGGT-UHFFFAOYSA-N
Formula:	C9H11F3OSi
SMILES:	C[Si](C)(C)Oc1ccc(F)c(F)c1F
Mol. weight [g/mol]:	220.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.47		Crippen Method
logp	3.318		Crippen Method
rinpol	1050.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352619&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/37-827-3/2-3-4-Trifluorophenol-trimethylsilyl-ether.pdf>

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